

Mucool Pump test – Material list

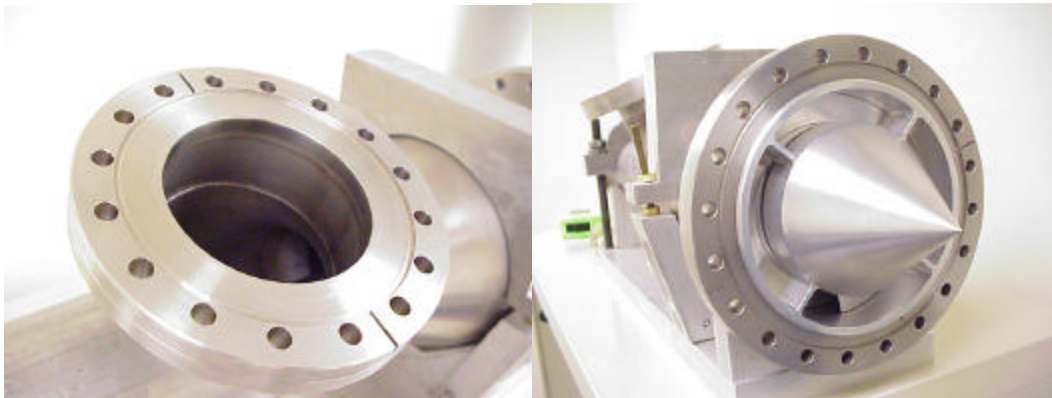
CD to Terry Cross: 06/24/02

Goal:

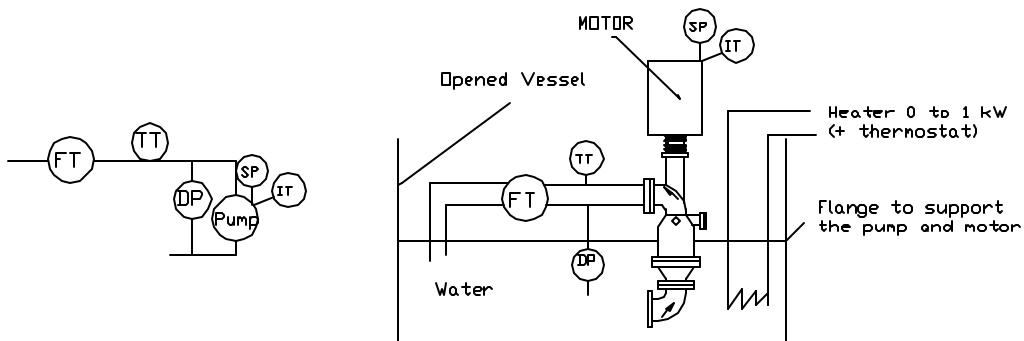
Set-up the LH2 pump test at ER cryo-building.

- Support of the pump and motor
- Build a close loop : LH2 pump / flowmeter / water vessel and flexible

Description	Company	ID (in)		Bolt hole/nb	Reference	Part number
CF	MDC Del-seal	4	Rotatable	Tapped/8	F600400RT	120026
CF	MDC Del-seal	6	Rotatable	Tapped/10	F800600RT	120031
Top plate		24-26	t=1/4			
Unistrap						
DP cooling	pipe	1/4				
Flow- meter		1.25		Threaded		
Reduction		6 to 4				
Reduction		4 to 1.25				
Flexible	4 to 6					



Performance measurement of the Mucool test facility Pump



a. Schematic

b. Conceptual design